CLAIMS

What is claimed is:

- A medical probe for use with tissue, comprising:
 an elongate member having a proximal end and a distal end;
 an operative element carried at the distal end of the elongate member; and
 a stabilizer configured for applying a vacuum force to secure the operative element relative to the tissue.
- 10 2. The medical probe of claim 1, wherein the operative element comprises an electrode for delivering ablation energy to the tissue.
 - 3. The medical probe of claim 1, wherein the operative element comprises an electrode for sensing signals from the tissue.

- 4. The medical probe of claim 1, wherein the operative element comprises an expandable-collapsible body having an interior.
- 5. The medical probe of claim 4, wherein the expandable-collapsible body20 comprises a plurality of pores sized to permit ionic transfer from the interior of the body to outside the body.

- 6. The medical probe of claim 4, wherein the operative element further comprises an electrode located inside the expandable-collapsible body.
- 7. The medical probe of claim 4, wherein the expandable-collapsible body is non-porous.
 - 8. The medical probe of claim 7, wherein the operative element further comprises an electrically conductive shell disposed on the expandable-collapsible body.
- 10 9. The medical probe of claim 1, wherein the stabilizer is secured to the distal end of the elongate member.
 - 10. The medical probe of claim 1, wherein the stabilizer comprises one or more vacuum ports.

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- 11. The medical probe of claim 1, wherein the stabilizer comprises a shroud disposed around the distal end of the elongate member.
- 12. The medical probe of claim 11, wherein the shroud is composed of a material20 exhibiting a low electrical conductivity.

- 13. The medical probe of claim 11, wherein the shroud is pre-shaped to expand in the absence of a compressive force.
- 14. The medical probe of claim 1, wherein the stabilizer comprises one or more tubes.

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- 15. The medical probe of claim 14, wherein the one or more tubes are external to the operative element.
- 16. The medical probe of claim 14, wherein the one or more tubes are internal to the operative element.
 - 17. The medical probe of claim 11, wherein the operative element comprises an expandable-collapsible body, and the shroud has a first configuration when the expandable-collapsible body is inflated, and a second configuration when the expandable-collapsible body is deflated.
 - 18. The medical probe of claim 1, further comprising a handle assembly mounted to the proximal end of the elongate member.
- 20 19. The medical probe of claim 18, wherein the handle assembly comprises a steering mechanism for steering the distal end of the elongate member.

- 20. The medical probe of claim 1, wherein the elongate member comprises a catheter member.
- 21. The medical probe of claim 1, further comprising a sheath having a lumen through which the elongate member is slidably disposed.
- 22. The medical probe of claim 21, wherein the stabilizer is associated with the distal end of the elongate member.
- 10 23. The medical probe of claim 1, further comprising a sleeve having a lumen through which the elongate member is slidably disposed, wherein the stabilizer is associated with the sleeve.
 - 24. The medical probe of claim 23, wherein the stabilizer is secured to the sheath.
 - 25. A method of performing a medical procedure on a patient, comprising:
 introducing a medical probe having an operative element within the patient, the
 operative element being adjacent a target tissue;
- applying a vacuum force between the medical probe and the target tissue to secure

 the operative element relative to the target tissue; and
 - operating the operative element to perform the medical procedure on the target tissue while the operative element is secured relative to the target tissue.

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- 26. The method of claim 25, wherein the operative element comprises an electrode.
- 27. The method of claim 26, wherein the electrode is an ablation electrode, and the
- 5 operating comprises delivering ablation energy to the ablation electrode.
 - 28. The method of claim 26, wherein the electrode is a mapping electrode, and the operating comprises using the mapping electrode to sense a cardiac signal.
- 10 29. The method of claim 25, wherein the target tissue is cardiac tissue.
 - The method of claim 29, wherein the cardiac tissue is endocardial tissue.
 - 31. The method of claim 25, wherein the target tissue is organ tissue.